NAME OF WORK Comprehensive Development of Roads and Drains at Kaveri Layout, AMS Layout, Aditya Nagara 1st and 2nd stage Doddabettahalli, Yelahanka 4th phase and Muneshwara Layout and Surrounding areas in Ward No 03 of Yelahanka Division (Package No 12)

EMB

(Pre-Measurement Sheet and Measurement Sheet)

First and Final Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Comprehensive Development of Roads and Drains at Kaveri Layout, AMS Layout, Aditya Nagara 1st and 2nd stage Doddabettahalli, Yelahanka 4th Phase and Muneshwara Layout and Surrounding Areas in Ward No 03 of Yelahanka Division (Package No 12)

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		13-08-2021									
		4th Phase									
		Krishnna oil Traders									
		LHS									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15	30.1		Cum	1	15.10	1.10	1.10	1.10	0.90	14.95	
30.1	34.9	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
34.9	50.7		Cum	1	15.80	1.10	1.10	1.10	0.90	15.64	
50.7	58.2		Cum	1	7.50	1.10	1.10	1.10	0.90	7.43	
58.2	65.15		Cum	1	6.95	1.10	1.10	1.10	0.90	6.88	
65.15	68.65		Cum	1	3.50	1.10	1.10	1.10	0.90	3.47	
68.65	73		Cum	1	4.35	1.10	1.10	1.10	0.90	4.31	
73	77.8		Cum	1	4.80	1.10	1.10	1.10	0.90	4.75	
77.8	80.9		Cum	1	3.10	1.10	1.10	1.10	0.90	3.07	
80.9	84.7	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
84.7	89.2		Cum	1	4.50	1.10	1.10	1.10	0.90	4.46	
89.2	93.6		Cum	1	4.40	1.10	1.10	1.10	0.90	4.36	
93.6	103.35		Cum	1	9.75	1.10	1.10	1.10	0.90	9.65	
103.35	118.05		Cum	1	14.70	1.10	1.10	1.10	0.90	14.55	
118.05	124.25	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
124.25	139.25		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
139.25	154.25		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
154.25	169.25		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
169.25	180.55		Cum	1	11.30	1.10	1.10	1.10	0.90	11.19	
180.55	189.25	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
189.25	204.25		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
204.25	207.25		Cum	1	3.00	1.10	1.10	1.10	0.90	2.97	
207.25	212.75	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
212.75	227.85		Cum	1	15.10	1.10	1.10	1.10	0.90	14.95	
227.85	231.55	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
231.55	238.3		Cum	1	6.75	1.10	1.10	1.10	0.90	6.68	
238.3	253.3		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
253.3	257.7		Cum	1	4.40	1.10	1.10	1.10	0.90	4.36	
257.7	261.1	No work	Cum	1	0.00	0.00	0.20	0.10	0.00	0.00	
261.1	276.1		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
276.1	279.6		Cum	1	3.50	1.10	1.10	1.10	0.90	3.47	
279.6	289.5		Cum	1	9.90	1.10	1.10	1.10	0.90	9.80	
		RHS									
0	15		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
15	18.9		Cum	1	3.90	0.90	0.90	0.90	0.90	3.16	

CIVIL Pro BANGALORE Sig Date

Contractor PMC Assistant Engineer 13/8/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
18.9	25	Culvert	Cum	0	0.00	0.00	0.00	0.00	0.00	0.00	
25	40		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
40	44		Cum	1	4.00	0.90	0.90	0.90	0.90	3.24	
44	47.5		Cum	1	3.50	0.90	0.90	0.90	0.90	2.84	
47.5	50.6		Cum	1	3.10	0.90	0.90	0.90	0.90	2.51	
50.6	58.9		Cum	1	8.30	0.90	0.90	0.90	0.90	6.72	
58.9	69.5		Cum	1	10.60	0.90	0.90	0.90	0.90	8.59	
69.5	71.3		Cum	1	1.80	0.90	0.90	0.90	0.90	1.46	
71.3	76.2	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
76.2	79.9		Cum	1	3.70	0.90	0.90	0.90	0.90	3.00	
79.9	94.9		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
94.9	99.2		Cum	1	4.30	0.90	0.90	0.90	0.90	3.48	
99.2	106	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
106	121		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
121	136		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
136	151		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
151	158.6		Cum	1	7.60	0.90	0.90	0.90	0.90	6.16	
158.6	169.6	Road break	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
169.6	179.6		Cum	1	10.00	0.90	0.90	0.90	0.90	8.10	
179.6	191.9		Cum	1	12.30	0.90	0.90	0.90	0.90	9.96	
191.9	195.5		Cum	1	3.60	0.90	0.90	0.90	0.90	2.92	
195.5	198.8		Cum	1	3.30	0.90	0.90	0.90	0.90	2.67	
198.8	205.4	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
205.4	220.4		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
220.4	235.4		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
235.4	237.3		Cum	1	1.90	0.90	0.90	0.90	0.90	1.54	
237.3	252.3		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
252.3	264.4		Cum	1	12.10	0.90	0.90	0.90	0.90	9.80	
264.4	267.5	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
267.5	282.5		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
282.5	291.7		Cum	1	9.20	0.90	0.90	0.90	0.90	7.45	
		2nd cross Road									
		RHS									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
30	40.4		Cum	1	10.40	1.10	1.10	1.10	0.90	10.30	
		4th Phase									
		1st Cross Road (Near kitchen Six)									
		LHS									
0	9		Cum	1	9.00	1.10	1.10	1.10	0.90	8.91	
9	24		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
24	39		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
39	54		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
54	69		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
69	81		Cum	1	12.00	1.10	1.10	1.10	0.90	11.88	
81	89.7		Cum	1	8.70	1.10	1.10	1.10	0.90	8.61	

Contractor PMC Assistant Engineer Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Aadhithya Layout Main Road									
		RHS									
			Cum	1	4.60	1.40	1.40	1.40	0.85	5.47	
			Cum	1	5.70	1.40	1.40	1.40	0.85	6.78	
		Muneshwara layout									
		11th cross 2nd Main Road									
			Cum	1	6.60	1.70	1.70	1.70	0.85	9.54	
		4th Cross Road									
			Cum	1	5.50	1.70	1.70	1.70	0.90	8.42	
		11th Cross 2nd Main Road	Cum	1	6.60	1.70	1.70	1.70	0.85	9.54	
			Cum	1	6.80	1.70	1.70	1.70	0.85		
		Escort Layout									
		#1 laksmi Venkateshwara House Road									
			Cum	1	5.30	1.40	1.40	1.40	0.85	6.51	
									Total Executed Quantity	8411.08	
									Qty Carried to Summary	8411.08	

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CIVIL Pro Sig Date BANGALORE

Contractor PMC Assistant Engineer 13/8/2024 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.04		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
16-08-21											
		4th Phase									
		Krishnna oil Traders									
		LHS									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	30.1		Cum	1	15.10	1.10	1.10	1.10	0.15	2.49	
30.1	34.9	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
34.9	50.7		Cum	1	15.80	1.10	1.10	1.10	0.15	2.61	
50.7	58.2		Cum	1	7.50	1.10	1.10	1.10	0.15	1.24	
58.2	65.15		Cum	1	6.95	1.10	1.10	1.10	0.15	1.15	
65.15	68.65		Cum	1	3.50	1.10	1.10	1.10	0.15	0.58	
68.65	73		Cum	1	4.35	1.10	1.10	1.10	0.15	0.72	
73	77.8		Cum	1	4.80	1.10	1.10	1.10	0.15	0.79	
77.8	80.9		Cum	1	3.10	1.10	1.10	1.10	0.15	0.51	
80.9	84.7	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
84.7	89.2		Cum	1	4.50	1.10	1.10	1.10	0.15	0.74	
89.2	93.6		Cum	1	4.40	1.10	1.10	1.10	0.15	0.73	
93.6	103.35		Cum	1	9.75	1.10	1.10	1.10	0.15	1.61	
103.35	118.05		Cum	1	14.70	1.10	1.10	1.10	0.15	2.43	
118.05	124.25	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
124.25	139.25		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
139.25	154.25		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
154.25	169.25		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
169.25	180.55		Cum	1	11.30	1.10	1.10	1.10	0.15	1.86	
180.55	189.25	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
189.25	204.25		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
204.25	207.25		Cum	1	3.00	1.10	1.10	1.10	0.15	0.50	
207.25	212.75	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
212.75	227.85		Cum	1	15.10	1.10	1.10	1.10	0.15	2.49	
227.85	231.55	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
231.55	238.3		Cum	1	6.75	1.10	1.10	1.10	0.15	1.11	
238.3	253.3		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
253.3	257.7		Cum	1	4.40	1.10	1.10	1.10	0.15	0.73	
257.7	261.1	No work	Cum	1	0.00	0.00	0.20	0.10	0.00	0.00	
261.1	276.1		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
276.1	279.6		Cum	1	3.50	1.10	1.10	1.10	0.15	0.58	
279.6	289.5		Cum	1	9.90	1.10	1.10	1.10	0.15	1.63	
		RHS									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	18.9		Cum	1	3.90	1.10	1.10	1.10	0.15	0.64	
18.9	25	Culvert	Cum	0	0.00	0.00	0.00	0.00	0.00	0.00	
25	40		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
40	44		Cum	1	4.00	1.10	1.10	1.10	0.15	0.66	
44	47.5		Cum	1	3.50	1.10	1.10	1.10	0.15	0.58	

CIVIL BANGALORE

Contractor PMC Assistant Engineer 16/8/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Cross Road									
0	10		Cum	1	10.00	9.60	11.20	10.40	0.15	15.60	
10	15.8		Cum	1	5.80	11.20	11.90	11.55	0.15	10.05	
15.8	18.6		Cum	1	2.80	13.60	13.80	13.70	0.15	5.75	
18.6	22.8		Cum	1	4.20	6.70	6.90	6.80	0.15	4.28	
22.8	33.5		Cum	1	10.70	6.00	5.70	5.85	0.15	9.39	
33.5	43		Cum	1	9.50	7.00	7.10	7.08	0.15	10.05	
43	50.3		Cum	1	7.30	7.10	7.10	7.10	0.15	7.77	
50.3	66.9		Cum	1	16.60	3.50	4.00	3.75	0.15	9.31	
									Total Executed Quantity		
									Qty Carried to Summary		

CIVIL Pro BANGALORE

Contactor PMC Assistant Engineer 16/2/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

19-08-2021. First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.06		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		For Drain	Tonne		From Steel Calculation Sheet					155.75	
		For Culvert	Tonne		From Steel Calculation Sheet					14.24	
									Total Executed Quantity	169.98	
									Qty Carried to Summary	169.98	

CIVIL Pro BANGALORE

Contractor PMC Assistant Engineer 19/8/2021

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Assistant Executive Engineer
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Comprehensive Development of Roads and Drains at Kaveri Layout, AMS Layout, Aditya Nagara 1st and 2nd stage Doddabettahalli, Yelahanka 4th Phase and Muneshwara Layout and Surrounding Areas in Ward No 03 of Yelahanka Division (Package No 12)

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

19-08-2021 **STEEL CALCULATION**

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.06	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
Measurements Taken On;									
	For RCC Drain								
	4th Phase								
	Krishnna oil Traders								
	LHS								
	Main Bars (#12@160 c/c)	1	12	1584	1584	2.40	3801.00	0.89	3374.58
	Distribution(14-#8)	1	8	14	14	253.40	3547.60	0.39	1399.83
	RHS								
	Main Bars (#12@160 c/c)	1	12	1583	1583	2.40	3798.00	0.89	3371.92
	Distribution(14-#8)	1	8	14	14	253.20	3544.80	0.39	1398.72
	2nd cross Road								
	RHS								
	Main Bars (#12@160 c/c)	1	12	253	253	2.40	606.00	0.89	538.02
	Distribution(14-#8)	1	8	14	14	40.40	565.60	0.39	223.18
	4th Phase								
	1st Cross Road (Near kitchen Six)								
	L H S								
	Main Bars (#12@160 c/c)	1	12	561	561	2.40	1345.50	0.89	1194.55
	Distribution(14-#8)	1	8	14	14	89.70	1255.80	0.39	495.82
	R H S								
	Main Bars (#12@160 c/c)	1	12	531	531	2.40	1273.50	0.89	1130.63
	Distribution(14-#8)	1	8	14	14	84.90	1188.60	0.39	469.00

CIVIL Dig... Date... BANGALORE

Contractor PMC Assistant Engineer 19/8/2021 Assistant exicutive Engineer

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

19-08-2021 **STEEL CALCULATION**

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
	Escort Layout								
	#1 laksmi Venkateshwara House Road								
	12# @150 c/c main bars	1	12	35	35	4.70	166.07	0.89	147.44
	10# @160 c/c Distrubution bars	1	10	28	28	5.30	150.39	0.62	92.72
								QTY IN KG'S	14236.26
								QTY IN TONNE	14.24
								TOTAL QTY IN KG'S	169982.10
								TOTAL QTY IN TONNE	169.98

CIVIL Pro Sig Date BANGALORE

Contractor PMC Assistant Engineer 19/8/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.12		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		25-08-2021.									
		Muneshwara layout									
		8th Cross Road									
0	15		Cum	1	15.00	1.20	1.30	1.25	0.23	4.31	
16	30		Cum	1	14.00	1.80	1.50	1.65	0.23	5.31	
30	37.6		Cum	1	7.60	1.20	1.60	1.40	0.23	2.45	
		7th B Cross road									
0	15		Cum	1	15.00	1.30	1.60	1.45	0.25	5.06	
15	28		Cum	1	13.60	1.20	1.40	1.30	0.23	3.89	
30	39		Cum	1	9.00	1.50	1.40	1.45	0.23	3.00	
		6th 'B' Cross Road									
2	14		Cum	1	12.00	0.90	1.20	1.05	0.23	2.90	
18	30		Cum	1	12.00	0.75	1.30	1.03	0.23	2.83	
33	39		Cum	1	6.00	1.20	1.80	1.50	0.23	2.07	
		5th Cross Road									
0	15		Cum	1	15.00	1.80	2.00	1.90	0.25	6.56	
15	30		Cum	1	15.00	1.30	1.60	1.45	0.25	5.00	
30	39.8		Cum	1	9.80	1.10	1.20	1.15	0.23	2.59	
		4 th 'B Cross Road									
0	15		Cum	1	15.00	1.20	2.00	1.60	0.23	5.52	
15	30		Cum	1	15.00	1.40	1.80	1.60	0.23	5.52	
30	36.9		Cum	1	6.90	1.75	1.35	1.55	0.23	2.46	
		11th Cross Road									
		2nd Main Road									
3	14		Cum	1	11.00	1.30	2.20	1.75	0.23	4.48	
17	30		Cum	1	13.00	1.45	1.20	1.33	0.23	3.40	
33	45		Cum	1	12.00	1.60	1.20	1.40	0.23	3.58	
46	60		Cum	1	14.00	1.60	1.80	1.70	0.23	5.47	
63	75		Cum	1	12.00	1.30	1.50	1.40	0.23	3.86	
77	89		Cum	1	12.00	1.10	1.30	1.20	0.23	3.31	
93	104		Cum	1	11.00	2.20	1.80	2.00	0.23	5.06	
107	118		Cum	1	11.00	1.30	1.80	1.55	0.23	3.92	
121	130		Cum	1	9.00	1.75	1.65	1.70	0.23	3.52	
3	19		Cum	1	16.00	1.30	1.80	1.55	0.23	5.70	
		Connecting Road (8th Cross To 11th Cross)									
		LHS									
3	15		Cum	1	12.00	1.20	1.30	1.25	0.23	3.45	
18	29		Cum	1	11.00	1.50	1.10	1.30	0.23	3.29	
32	40.6		Cum	1	8.60	1.30	1.00	1.15	0.23	2.27	
0	0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	
4	14		Cum	1	10.00	0.75	0.95	0.85	0.23	1.96	
16	30		Cum	1	14.00	1.30	1.40	1.35	0.23	4.35	
32	45		Cum	1	13.00	1.50	1.60	1.55	0.23	4.63	

CIVIL Pvt. Ltd. BANGALORE

Contractor PMC Assistant Engineer 25/8/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.13		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specification and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		27-08-2021.									
		Muneshwara layout									
		11th Cross Road									
0	15		Sqm	1	15.00	4.20	4.20	4.20		63.00	
15	26		Sqm	1	11.00	4.20	4.60	4.40		48.40	
0	15		Sqm	1	15.00	5.00	4.20	4.60		69.00	
15	30		Sqm	1	15.00	4.20	4.10	4.15		62.25	
30	45		Sqm	1	15.00	4.10	4.10	4.10		61.50	
45	60		Sqm	1	15.00	4.10	4.60	4.35		65.25	
60	75		Sqm	1	15.00	4.60	4.20	4.40		66.00	
75	90		Sqm	1	15.00	4.20	4.30	4.25		63.75	
90	105		Sqm	1	15.00	4.30	5.20	4.75		71.25	
105	120		Sqm	1	15.00	5.20	5.00	5.10		76.50	
120	135		Sqm	1	15.00	5.00	5.00	5.00		75.00	
135	150		Sqm	1	15.00	5.00	4.80	4.90		73.50	
150	165		Sqm	1	15.00	4.80	4.90	4.85		72.75	
165	180		Sqm	1	15.00	4.90	4.60	4.75		71.25	
180	195		Sqm	1	15.00	4.60	5.10	4.85		72.75	
195	210		Sqm	1	15.00	5.10	4.80	4.95		74.25	
								Total Executed Quantity		1086.40	
								Qty Carried to Summary		1086.40	

CIVIL Pro Sig Date BANGALORE

Contractor PMC Assistant Engineer 27/8/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.14		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		30-08-2021									
		Muneshwara layout									
		11th Cross Road									
0	15		Sqm	1	15.00	4.20	4.20	4.20		63.00	
15	26		Sqm	1	11.00	4.20	4.60	4.40		48.40	
0	15		Sqm	1	15.00	5.00	4.20	4.60		69.00	
15	30		Sqm	1	15.00	4.20	4.10	4.15		62.25	
30	45		Sqm	1	15.00	4.10	4.10	4.10		61.50	
45	60		Sqm	1	15.00	4.10	4.60	4.35		65.25	
60	75		Sqm	1	15.00	4.60	4.20	4.40		66.00	
75	90		Sqm	1	15.00	4.20	4.30	4.25		63.75	
90	105		Sqm	1	15.00	4.30	5.20	4.75		71.25	
105	120		Sqm	1	15.00	5.20	5.00	5.10		76.50	
120	135		Sqm	1	15.00	5.00	5.00	5.00		75.00	
135	150		Sqm	1	15.00	5.00	4.80	4.90		73.50	
150	165		Sqm	1	15.00	4.80	4.90	4.85		72.75	
165	180		Sqm	1	15.00	4.90	4.60	4.75		71.25	
180	195		Sqm	1	15.00	4.60	5.10	4.85		72.75	
195	210		Sqm	1	15.00	5.10	4.80	4.95		74.25	
		10th Cross Road									
0	15		Sqm	1	15.00	6.00	6.00	6.00		90.00	
15	30		Sqm	1	15.00	6.00	6.00	6.00		90.00	
30	45		Sqm	1	15.00	6.00	6.00	6.00		90.00	
45	60		Sqm	1	15.00	6.00	6.00	6.00		90.00	
60	75		Sqm	1	15.00	6.00	6.00	6.00		90.00	
75	90		Sqm	1	15.00	6.00	6.00	6.00		90.00	
90	105		Sqm	1	15.00	6.00	6.00	6.00		90.00	
105	115.5		Sqm	1	10.50	6.00	6.00	6.00		63.00	
		9th Cross Road									
0	15		Sqm	1	15.00	6.50	6.50	6.50		97.50	
15	30		Sqm	1	15.00	6.50	6.50	6.50		97.50	
30	45		Sqm	1	15.00	6.50	6.50	6.50		97.50	
45	60		Sqm	1	15.00	6.50	6.50	6.50		97.50	
60	75		Sqm	1	15.00	6.50	6.50	6.50		97.50	
75	90		Sqm	1	15.00	6.50	6.50	6.50		97.50	
90	105		Sqm	1	15.00	6.50	6.50	6.50		97.50	
105	118		Sqm	1	13.00	6.50	6.50	6.50		84.50	
		2nd Main Road									
0	15		Sqm	1	15.00	6.00	6.00	6.00		90.00	
15	30		Sqm	1	15.00	6.00	6.00	6.00		90.00	
30	45		Sqm	1	15.00	6.00	6.00	6.00		90.00	
45	60		Sqm	1	15.00	6.00	6.00	6.00		90.00	
60	75		Sqm	1	15.00	6.00	6.00	6.00		90.00	
75	90		Sqm	1	15.00	6.00	6.00	6.00		90.00	
90	105		Sqm	1	15.00	6.00	6.00	6.00		90.00	
105	120		Sqm	1	15.00	6.00	6.00	6.00		90.00	
120	135		Sqm	1	15.00	6.00	6.00	6.00		90.00	
135	150		Sqm	1	15.00	6.00	6.00	6.00		90.00	

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CIVIL BBMP BANGALORE

Contractor PMC Assistant Engineer 20/8/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		2nd Cross Road									
0	15		Sqm	1	15.00	4.40	4.00	4.20		63.00	
15	23.5		Sqm	1	8.50	4.00	3.50	3.75		31.88	
23.5	29.5		Sqm	1	6.00	4.80	4.70	4.75		28.50	
		Cross Road									
0	15		Sqm	1	15.00	5.20	4.60	4.90		73.50	
15	25.6		Sqm	1	10.60	4.60	4.90	4.75		50.35	
25.6	29.7		Sqm	1	4.10	4.90	4.20	4.55		18.66	
29.7	44.7		Sqm	1	15.00	4.80	5.10	4.95		74.25	
44.7	48.8		Sqm	1	4.10	5.10	5.40	5.25		21.55	
48.8	59.8		Sqm	1	11.00	5.10	4.30	4.70		51.70	
59.8	74.8		Sqm	1	15.00	4.30	3.40	3.85		57.75	
74.8	89.8		Sqm	1	15.00	3.40	3.60	3.50		52.50	
89.8	105.95		Sqm	1	16.15	3.60	3.80	3.70		59.76	
105.95	120.55		Sqm	1	14.60	4.60	4.90	4.75		69.35	
		Cross Road									
0	10		Sqm	1	10.00	9.60	11.20	10.40		104.00	
10	15.8		Sqm	1	5.80	11.20	11.90	11.55		66.99	
15.8	18.6		Sqm	1	2.80	13.60	13.80	13.70		38.36	
18.6	22.8		Sqm	1	4.20	6.70	6.90	6.80		28.56	
22.8	33.5		Sqm	1	10.70	6.00	5.70	5.85		62.60	
33.5	43		Sqm	1	9.50	7.00	7.10	7.05		66.98	
43	50.3		Sqm	1	7.30	7.10	7.10	7.10		51.83	
50.3	66.9		Sqm	1	16.60	3.50	4.00	3.75		62.25	
									Total Executed Quantity	9230.89	
									Qty Carried to Summary	9230.89	

CIVIL Pro BANGALORE

Contractor PMC Assistant Engineer 20/2/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.15		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the									
Measurements taken on		31-08-2021									
		Muneshwara layout									
		10th Cross Road									
0	15		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
15	30		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
30	45		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
45	60		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
60	75		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
75	90		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
90	105		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
105	115.5		Cum	1	10.50	6.00	6.00	6.00	0.20	12.60	
		9th Cross Road									
0	15		Cum	1	15.00	6.50	6.50	6.50	0.20	19.50	
15	30		Cum	1	15.00	6.50	6.50	6.50	0.20	19.50	
30	45		Cum	1	15.00	6.50	6.50	6.50	0.20	19.50	
45	60		Cum	1	15.00	6.50	6.50	6.50	0.20	19.50	
60	75		Cum	1	15.00	6.50	6.50	6.50	0.15	14.63	
75	90		Cum	1	15.00	6.50	6.50	6.50	0.20	19.50	
90	105		Cum	1	15.00	6.50	6.50	6.50	0.20	19.50	
105	118		Cum	1	13.00	6.50	6.50	6.50	0.20	16.90	
		2nd Main Road									
0	15		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
15	30		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
30	45		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
45	60		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
60	75		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
75	90		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
90	105		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
105	120		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
120	135		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
135	150		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
150	165		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
165	180		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
180	195		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
195	210		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
210	225		Cum	1	15.00	6.00	6.00	6.00	0.20	18.00	
225	230		Cum	1	5.00	6.00	6.00	6.00	0.20	6.00	
		8th Cross Road									
0	12		Cum	1	12.00	1.50	1.30	1.40	0.15	2.52	
16	30		Cum	1	14.00	2.00	1.50	1.75	0.15	3.68	
35	44		Cum	1	9.00	1.30	1.40	1.35	0.18	1.82	
46	60		Cum	1	14.00	1.40	1.30	1.35	0.15	2.84	
63	75		Cum	1	12.00	1.30	1.60	1.45	0.15	2.61	
78	90		Cum	1	12.00	1.45	2.20	1.83	0.15	3.29	
96	105		Cum	1	9.00	1.30	1.80	1.55	0.15	2.09	
108	120		Cum	1	12.00	1.20	2.20	1.70	0.15	3.06	
124	135		Cum	1	11.00	1.60	1.10	1.35	0.15	2.23	

CIVIL P.K. BANGALORE

Contractor PMC Assistant Engineer 31/8/2021. Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		2nd Cross Road									
0	15		Cum	1	15.00	4.40	4.00	4.20	0.20	12.60	
15	23.5		Cum	1	8.50	4.00	3.50	3.75	0.20	6.38	
23.5	29.5		Cum	1	6.00	4.80	4.70	4.75	0.20	5.70	
		Cross Road									
0	15		Cum	1	15.00	5.20	4.60	4.90	0.20	14.70	
15	25.6		Cum	1	10.60	4.60	4.90	4.75	0.20	10.07	
25.6	29.7		Cum	1	4.10	4.90	4.20	4.55	0.20	3.73	
29.7	44.7		Cum	1	15.00	4.80	5.10	4.95	0.20	14.85	
44.7	48.8		Cum	1	4.10	5.10	5.40	5.25	0.20	4.31	
48.8	59.8		Cum	1	11.00	5.10	4.30	4.70	0.20	10.34	
59.8	74.8		Cum	1	15.00	4.30	3.40	3.85	0.20	11.55	
74.8	89.8		Cum	1	15.00	3.40	3.60	3.50	0.20	10.50	
89.8	105.95		Cum	1	16.15	3.60	3.80	3.70	0.20	11.95	
105.95	120.55		Cum	1	14.60	4.60	4.90	4.75	0.20	13.87	
								Total Executed Quantity		119.65	
								Qty Carried to Summary		119.65	

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CIVIL Pro Co. Date BANGALORE

Contractor PMC Assistant Engineer 31/8/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
60	75		Cum	1	15.00	0.65	0.65	0.65	0.23	2.24	
75	77.5		Cum	1	2.50	0.55	0.45	0.50	0.23	0.29	
77.5	90		Cum	1	12.50	0.65	0.55	0.60	0.23	1.73	
90	105		Cum	1	15.00	0.65	0.65	0.65	0.23	2.24	
105	110.8		Cum	1	5.80	1.40	1.30	1.35	0.23	1.80	
0	15		Cum	1	15.00	1.30	1.20	1.25	0.23	4.31	
15	30		Cum	1	15.00	1.40	1.10	1.25	0.23	4.31	
30	40.1		Cum	1	10.10	1.30	1.50	1.40	0.23	3.25	
									Total Executed Quantity	1929.65	
									Qty Carried to Summary	1929.65	

CIVIL Pro BANGALORE

Contractor PMC Assistant Engineer 1/9/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		4th 'A' Cross Road									
0	15		Sqm	1	15.00	1.30	1.20	1.25		18.75	
15	27.2		Sqm	1	12.20	1.10	1.30	1.20		14.64	
27.2	32.5		Sqm	1	5.30	0.95	0.85	0.90		4.77	
32.5	45		Sqm	1	12.50	1.20	0.35	0.78		9.69	
45	60		Sqm	1	15.00	1.20	1.30	1.25		18.75	
60	75		Sqm	1	15.00	0.65	0.65	0.65		9.75	
75	77.5		Sqm	1	2.50	0.55	0.45	0.50		1.25	
77.5	90		Sqm	1	12.50	0.65	0.55	0.60		7.50	
90	105		Sqm	1	15.00	0.65	0.65	0.65		9.75	
105	110.8		Sqm	1	5.80	1.40	1.30	1.35		7.83	
0	15		Sqm	1	15.00	1.30	1.20	1.25		18.75	
15	30		Sqm	1	15.00	1.40	1.10	1.25		18.75	
30	40.1		Sqm	1	10.10	1.30	1.50	1.40		14.14	
								Total Executed Quantity		8389.80	
								Qty Carried to Summary		8389.80	

CIVIL Pro BANGALORE

Contractor PMC Assistant Engineer 3/9/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.18		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		04-09-2021									
		Muneshwara layout									
		8th Cross Road									
0	15		Sqm	1	15.00	1.20	1.30	1.25		18.75	
16	30		Sqm	1	14.00	1.80	1.50	1.65		23.10	
30	37.6		Sqm	1	7.60	1.20	1.60	1.40		10.64	
		7th B Cross road									
0	15		Sqm	1	15.00	1.30	1.60	1.45		21.75	
15	28		Sqm	1	13.00	1.20	1.40	1.30		16.90	
30	39		Sqm	1	9.00	1.50	1.40	1.45		13.05	
		6th 'B' Cross Road									
2	14		Sqm	1	12.00	0.90	1.20	1.08		12.60	
18	30		Sqm	1	12.00	0.75	1.30	1.03		12.30	
33	39		Sqm	1	6.00	1.20	1.80	1.50		9.00	
		5th Cross Road									
0	15		Sqm	1	15.00	1.80	2.00	1.90		28.50	
15	30		Sqm	1	15.00	1.30	1.60	1.45		21.75	
30	39.8		Sqm	1	9.80	1.10	1.20	1.15		11.27	
		4 th 'B Cross Road									
0	15		Sqm	1	15.00	1.20	2.00	1.60		24.00	
15	30		Sqm	1	15.00	1.40	1.80	1.60		24.00	
30	36.9		Sqm	1	6.90	1.75	1.35	1.55		10.70	
		11th Cross Road									
		2nd Main Road									
3	14		Sqm	1	11.00	1.30	2.20	1.75		19.25	
17	30		Sqm	1	13.00	1.45	1.20	1.33		17.23	
33	45		Sqm	1	12.00	1.60	1.20	1.40		16.80	
46	60		Sqm	1	14.00	1.60	1.80	1.70		23.80	
63	75		Sqm	1	12.00	1.30	1.50	1.40		16.80	
77	89		Sqm	1	12.00	1.10	1.30	1.20		14.40	
93	104		Sqm	1	11.00	2.20	1.80	2.00		22.00	
107	118		Sqm	1	11.00	1.30	1.80	1.55		17.05	
121	130		Sqm	1	9.00	1.75	1.65	1.70		15.30	
3	19		Sqm	1	16.00	1.30	1.80	1.55		24.80	
		Connecting Road (8th Cross To 11th Cross)									
		LHS									
3	15		Sqm	1	12.00	1.20	1.30	1.25		15.00	
18	29		Sqm	1	11.00	1.50	1.10	1.30		14.30	
32	40.6		Sqm	1	8.60	1.30	1.00	1.15		9.89	
4	14		Sqm	1	10.00	0.75	0.95	0.85		8.50	
16	30		Sqm	1	14.00	1.30	1.40	1.35		18.90	
32	45		Sqm	1	13.00	1.50	1.60	1.55		20.15	

CIVIL ... BANGALORE

Contractor PMC Assistant Engineer 4/9/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.20		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specification and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		07-09-2021.									
		Muneshwara layout									
		8th Cross Road									
0	15		Sqm	1	15.00	4.60	5.00	4.80		72.00	
15	30		Sqm	1	15.00	5.00	4.50	4.75		71.25	
30	37.6		Sqm	1	7.60	4.50	5.20	4.85		36.86	
		7th B Cross road									
0	15		Sqm	1	15.00	4.40	4.40	4.40		66.00	
15	30		Sqm	1	15.00	4.40	3.60	4.00		60.00	
30	39		Sqm	1	9.00	3.60	3.50	3.55		31.95	
		6th 'B' Cross Road									
0	15		Sqm	1	15.00	4.50	4.10	4.30		64.50	
15	30		Sqm	1	15.00	4.10	4.20	4.15		62.25	
30	39		Sqm	1	9.00	4.20	4.10	4.15		37.35	
		5th Cross Road									
0	15		Sqm	1	15.00	4.40	5.20	4.80		72.00	
15	30		Sqm	1	15.00	5.20	4.10	4.65		69.75	
30	39.8		Sqm	1	9.80	4.10	3.50	3.80		37.24	
		4 th 'B Cross Road									
0	15		Sqm	1	15.00	4.30	4.20	4.25		63.75	
15	30		Sqm	1	15.00	4.20	4.10	4.15		62.25	
30	36.9		Sqm	1	6.90	4.10	3.80	3.95		27.26	
		11th Cross Road									
		2nd Main Road									
0	15		Sqm	1	15.00	4.80	4.90	4.85		72.75	
15	30		Sqm	1	15.00	4.90	5.40	5.15		77.25	
30	45		Sqm	1	15.00	5.40	5.00	5.20		78.00	
45	60		Sqm	1	15.00	5.00	5.60	5.30		79.50	
60	75		Sqm	1	15.00	5.60	5.10	5.35		80.25	
75	90		Sqm	1	15.00	5.10	5.20	5.15		77.25	
90	105		Sqm	1	15.00	5.20	5.60	5.40		81.00	
105	120		Sqm	1	15.00	5.60	6.00	5.80		87.00	
120	130		Sqm	1	10.00	6.00	6.00	6.00		60.00	
0	19		Sqm	1	19.00	6.00	5.50	5.75		109.25	
		Connecting Road (8th Cross To 11th Cross)									
0	15		Sqm	1	15.00	4.80	5.00	4.90		73.50	
15	30		Sqm	1	15.00	5.00	5.00	5.00		75.00	
30	40.6		Sqm	1	10.60	5.00	5.20	5.10		54.06	
0	0		0	0	0.00	0.00	0.00	0.00		0.00	
0	15		Sqm	1	15.00	6.00	5.40	5.70		85.50	
15	30		Sqm	1	15.00	5.40	5.10	5.25		78.75	
30	45		Sqm	1	15.00	5.10	6.00	5.55		83.25	
45	60		Sqm	1	15.00	6.00	6.00	6.00		90.00	

CIVIL P... Date..... BANGALORE

Contractor PMC Assistant Engineer 7/9/2021 Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.21		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		07-09-2021									
		Muneshwara layout									
		8th Cross Road									
0	15		Sqm	1	15.00	4.60	5.00	4.80		72.00	
15	30		Sqm	1	15.00	5.00	4.50	4.75		71.25	
30	37.6		Sqm	1	7.60	4.50	5.20	4.85		36.86	
		7th B Cross road									
0	15		Sqm	1	15.00	4.40	4.40	4.40		66.00	
15	30		Sqm	1	15.00	4.40	3.60	4.00		60.00	
30	39		Sqm	1	9.00	3.60	3.50	3.55		31.95	
		6th 'B' Cross Road									
0	15		Sqm	1	15.00	4.50	4.10	4.30		64.50	
15	30		Sqm	1	15.00	4.10	4.20	4.15		62.25	
30	39		Sqm	1	9.00	4.20	4.10	4.15		37.35	
		5th Cross Road									
0	15		Sqm	1	15.00	4.40	5.20	4.80		72.00	
15	30		Sqm	1	15.00	5.20	4.10	4.65		69.75	
30	39.8		Sqm	1	9.80	4.10	3.50	3.80		37.24	
		4 th 'B Cross Road									
0	15		Sqm	1	15.00	4.30	4.20	4.25		63.75	
15	30		Sqm	1	15.00	4.20	4.10	4.15		62.25	
30	36.9		Sqm	1	6.90	4.10	3.80	3.95		27.26	
		11th Cross Road 2nd Main Road									
0	15		Sqm	1	15.00	4.80	4.90	4.85		72.75	
15	30		Sqm	1	15.00	4.90	5.40	5.15		77.25	
30	45		Sqm	1	15.00	5.40	5.00	5.20		78.00	
45	60		Sqm	1	15.00	5.00	5.60	5.30		79.50	
60	75		Sqm	1	15.00	5.60	5.10	5.35		80.25	
75	90		Sqm	1	15.00	5.10	5.20	5.15		77.25	
90	105		Sqm	1	15.00	5.20	5.60	5.40		81.00	
105	120		Sqm	1	15.00	5.60	6.00	5.80		87.00	
120	130		Sqm	1	10.00	6.00	6.00	6.00		60.00	
0	19		Sqm	1	19.00	6.00	5.50	5.75		109.25	
		Connecting Road (8th Cross To 11th Cross)									
0	15		Sqm	1	15.00	4.80	5.00	4.90		73.50	
15	30		Sqm	1	15.00	5.00	5.00	5.00		75.00	
30	40.6		Sqm	1	10.60	5.00	5.20	5.10		54.06	
0	15		Sqm	1	15.00	6.00	5.40	5.70		85.50	
15	30		Sqm	1	15.00	5.40	5.10	5.25		78.75	
30	45		Sqm	1	15.00	5.10	6.00	5.55		83.25	
45	60		Sqm	1	15.00	6.00	6.00	6.00		90.00	

CIVIL WORKS Date..... BANGALORE

Contactor PMC Assistant Engineer 7/9/2021. Assistant exicutive Engineer

PRE-MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.24		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		07-09-2021									
		Cross Road									
0	10		Cum	1	10.00	9.60	11.20	10.40	0.20	20.80	
10	15.8		Cum	1	5.80	11.20	11.90	11.55	0.20	13.40	
15.8	18.6		Cum	1	2.80	13.60	13.80	13.70	0.20	7.67	
18.6	22.8		Cum	1	4.20	6.70	6.90	6.80	0.20	5.71	
22.8	33.5		Cum	1	10.70	6.00	5.70	5.85	0.20	12.52	
33.5	43		Cum	1	9.50	7.00	7.10	7.05	0.20	13.40	
43	50.3		Cum	1	7.30	7.10	7.10	7.10	0.20	10.37	
50.3	66.9		Cum	1	16.60	3.50	4.00	3.75	0.20	12.45	
									Total Executed Quantity	96.31	
									Qty Carried to Summary	96.31	

CIVIL Pro BANGALORE

Contractor PMC Assistant Engineer 7/9/2021 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Comprehensive Development of Roads and Drains at Kaveri Layout, AMS Layout, Aditya Nagara 1st and 2nd stage Doddabettahalli, Yelahanka 4th Phase and Muneshwara Layout and Surrounding Areas in Ward No 03 of Yelahanka Division (Package No 12)

Measurements Taken On :

MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item no.01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								8411.08			
									Total Executed Quantity	8411.08			
									Tender Quantity	8325.89			
									Quantity upto 125%	8411.08	217.88	1832606.00	
Item no.02		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work											
Measurements taken on		13-09-2021.											
		4th Phase											
		Krishnna oil Traders											
		LHS											
50.7	58.2		Sqm	1	7.50	0.90	0.90	0.90		6.75			
65.15	68.65		Sqm	1	3.50	0.90	0.90	0.90		3.15			
73	77.8		Sqm	1	4.80	0.90	0.90	0.90		4.32			
84.7	89.2		Sqm	1	4.50	0.90	0.90	0.90		4.05			
93.6	103.35		Sqm	1	9.75	0.90	0.90	0.90		8.78			
212.75	227.85		Sqm	1	15.10	0.90	0.90	0.90		13.59			
231.55	238.3		Sqm	1	6.75	0.90	0.90	0.90		6.08			
279.6	289.5		Sqm	1	9.90	0.90	0.90	0.90		8.91			
		RHS											
25	40		Sqm	1	15.00	0.90	0.90	0.90		13.50			
40	44		Sqm	1	4.00	0.90	0.90	0.90		3.60			
47.5	50.6		Sqm	1	3.10	0.90	0.90	0.90		2.79			
58.9	69.5		Sqm	1	10.60	0.90	0.90	0.90		9.54			
76.2	79.9		Sqm	1	3.70	0.90	0.90	0.90		3.33			
179.6	191.9		Sqm	1	12.30	0.90	0.90	0.90		11.07			
195.5	198.8		Sqm	1	3.30	0.90	0.90	0.90		2.97			
237.3	252.3		Sqm	1	15.00	0.90	0.90	0.90		13.50			
252.3	264.4		Sqm	1	12.10	0.90	0.90	0.90		10.89			
		Kaveri Layout											
		2nd Cross Road											
		LHS											
28.8	37.8		Sqm	1	9.00	0.90	0.90	0.90					
		3rd Cross Road											
		LHS											
28.5	38		Sqm	1	9.50	0.90	0.90	0.90		8.55			
		4th Cross Road											
		LHS											
4.3	18		Sqm	1	13.70	0.90	0.90	0.90		12.33			
		RHS											
65.3	83.3		Sqm	1	18.00	0.90	0.90	0.90		16.20			
92.1	120.1		Sqm	1	28.00	0.90	0.90	0.90		25.20			
124.1	138.1		Sqm	1	14.00	0.90	0.90	0.90		12.60			
		AMS Layout											
		3rd Main Road (Bellow High Tension Wire)											
		LHS											
		From Sriharl Nilaya To											
3.1	5.7		Sqm	1	2.60	0.90	0.90	0.90		2.34			

CIVIL PSC Date BANGALORE

Contractor PMC Assistant Engineer 13/9/2021 Assistant exicutive Engineer

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MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item no.04		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
		Vide Total executed Quantity from premeasuremet Page no.	Cum							1842.64			
										Total Executed Quantity	1842.64		
										Tender Quantity	1696.33		
										Quantity upto 125%	1842.64	5961.80	10985477.00
Item no.05		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC of 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc ,and as per the directions of the Engineer-in-charge of the work											
Measurements taken on		14-09-2021.											
		Drain											
		Bottom Raft											
		4th Phase											
		Krishnna oil Traders											
		LHS											
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
15	30.1		Cum	1	15.10	0.90	0.90	0.90	0.15	2.04			
30.1	34.9	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
34.9	50.7		Cum	1	15.80	0.90	0.90	0.90	0.15	2.15			
50.7	58.2		Cum	1	7.50	0.90	0.90	0.90	0.15	1.01			
58.2	65.15		Cum	1	6.95	0.90	0.90	0.90	0.15	0.93			
65.15	68.65		Cum	1	3.50	0.90	0.90	0.90	0.15	0.47			
68.65	73		Cum	1	4.35	0.90	0.90	0.90	0.15	0.59			
73	77.8		Cum	1	4.80	0.90	0.90	0.90	0.15	0.65			
77.8	80.9		Cum	1	3.10	0.90	0.90	0.90	0.15	0.42			
80.9	84.7	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
84.7	89.2		Cum	1	4.50	0.90	0.90	0.90	0.15	0.61			
89.2	93.6		Cum	1	4.40	0.90	0.90	0.90	0.15	0.59			
93.6	103.35		Cum	1	9.75	0.90	0.90	0.90	0.15	1.32			
103.35	118.05		Cum	1	14.70	0.90	0.90	0.90	0.15	1.98			
118.05	124.25	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
124.25	139.25		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
139.25	154.25		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
154.25	169.25		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
169.25	180.55		Cum	1	11.30	0.90	0.90	0.90	0.15	1.53			
180.55	189.25	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
189.25	204.25		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
204.25	207.25		Cum	1	3.00	0.90	0.90	0.90	0.15	0.41			
207.25	212.75	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
212.75	227.85		Cum	1	15.10	0.90	0.90	0.90	0.15	2.04			
227.85	231.55	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
231.55	238.3		Cum	1	6.75	0.90	0.90	0.90	0.15	0.91			
238.3	253.3		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
253.3	257.7		Cum	1	4.40	0.90	0.90	0.90	0.15	0.59			
257.7	261.1	No work	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
261.1	276.1		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
276.1	279.6		Cum	1	3.50	0.90	0.90	0.90	0.16	0.42			
279.6	289.5		Cum	1	9.90	0.90	0.90	0.90	0.15	1.34			
		RHS											
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
15	18.9		Cum	1	3.90	0.90	0.90	0.90	0.15	0.55			
8.9	25	Culvert	Cum	0	0.00	0.00	0.00	0.00	0.00	0.00			
25	40		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
10	44		Cum	1	4.00	0.90	0.90	0.90	0.15	0.54			
14	47.5		Cum	1	3.50	0.90	0.90	0.90	0.15	0.47			
7.5	50.6		Cum	1	3.10	0.90	0.90	0.90	0.15	0.42			
16	58.9		Cum	1	8.30	0.90	0.90	0.90	0.15	1.12			
9	69.5		Cum	1	10.60	0.90	0.90	0.90	0.15	1.43			
5	71.3		Cum	1	1.80	0.90	0.90	0.90	0.15	0.24			
3	76.2	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00			
2	79.9		Cum	1	3.70	0.90	0.90	0.90	0.15	0.50			
9	94.9		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
9	99.2		Cum	1	4.30	0.90	0.90	0.90	0.15	0.58			

CIVIL Pro BANGALORE PMC

Assistant Engineer

14/9/2021

Assistant executive Engineer

MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
85.2	112.8		Cum	1	27.60	0.90	0.90	0.90	0.15	3.73			
		LHS											
0	11		Cum	1	11.00	0.90	0.90	0.90	0.15	1.49			
11	14.7		Cum	1	3.70	0.90	0.90	0.90	0.15	0.50			
		AMS Layout											
		3rd Main Road (Bellow High Tension Wire)											
		LHS											
		From Srihari Nilaya To											
0	3.1		Cum	1	3.10	0.90	0.90	0.90	0.14	0.42			
3.1	5.7		Cum	1	2.60	0.90	0.90	0.90	0.16	0.35			
5.7	13.3		Cum	1	7.60	0.90	0.90	0.90	0.15	1.03			
13.3	16.4		Cum	1	3.10	0.90	0.90	0.90	0.15	0.42			
16.4	28.5		Cum	1	12.10	0.90	0.90	0.90	0.15	1.63			
28.5	34.5		Cum	1	6.00	0.90	0.90	0.90	0.15	0.81			
34.5	38.3		Cum	1	3.80	0.90	0.90	0.90	0.15	0.51			
38.3	53.3		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
53.3	68.3		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
68.3	72.5		Cum	1	4.20	0.90	0.90	0.90	0.15	0.57			
72.5	78.8		Cum	1	6.30	0.90	0.90	0.90	0.15	0.85			
78.8	94.5		Cum	1	15.70	0.90	0.90	0.90	0.15	2.12			
94.5	101.2	Culvert	Cum	1	0.00	0.00	0.00	0.00		0.00			
101.2	122		Cum	1	20.80	0.90	0.90	0.90	0.15	2.81			
122	137.6		Cum	1	15.60	0.90	0.90	0.90	0.15	2.11			
137.6	141.9		Cum	1	4.30	0.90	0.90	0.90	0.15	0.58			
141.9	160		Cum	1	18.10	0.90	0.90	0.90	0.15	2.44			
160	169	Road Breaker	Cum	1	0.00	0.00	0.00	0.00		0.00			
169	195.9		Cum	1	26.90	0.90	0.90	0.90	0.15	3.63			
195.9	199.9		Cum	1	4.00	0.90	0.90	0.90	0.15	0.54			
199.9	204.4		Cum	1	4.50	0.90	0.90	0.90	0.15	0.61			
204.4	207.2		Cum	1	2.80	0.90	0.90	0.90	0.15	0.38			
207.2	213		Cum	1	5.80	0.90	0.90	0.90	0.15	0.78			
213	216.8		Cum	1	3.80	0.90	0.90	0.90	0.15	0.51			
		RHS											
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
15	30		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
30	48.6		Cum	1	18.60	0.90	0.90	0.90	0.15	2.51			
		3rd Main Road											
		1st Cross (Oriental School Road)											
		LHS											
0	10		Cum	1	10.00	0.90	0.90	0.90	0.15	1.35			
10	36.5		Cum	1	26.50	0.90	0.90	0.90	0.15	3.58			
36.5	51.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
51.5	66.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
66.5	74.3		Cum	1	7.80	0.90	0.90	0.90	0.15	1.05			
74.3	97.7		Cum	1	23.40	0.90	0.90	0.90	0.15	3.16			
		RHS											
0	11.4		Cum	1	11.40	0.90	0.90	0.90	0.15	1.54			
11.4	13.3		Cum	1	1.90	0.90	0.90	0.90	0.15	0.26			
13.3	40.4		Cum	1	27.10	0.90	0.90	0.90	0.15	3.66			
40.4	49.3		Cum	1	8.90	0.90	0.90	0.90	0.15	1.20			
49.3	58.7		Cum	1	9.40	0.90	0.90	0.90	0.15	1.27			
58.7	75.6		Cum	1	16.90	0.90	0.90	0.90	0.15	2.28			
75.6	96.6		Cum	1	21.00	0.90	0.90	0.90	0.15	2.84			
		5th Main Road (Nativity Church road)											
		From AMS Layout main Road to											
		LHS											
0	9		Cum	1	9.00	0.90	0.90	0.90	0.15	1.22			
9	27.4		Cum	1	18.40	0.90	0.90	0.90	0.15	2.48			
27.4	35.9		Cum	1	8.50	0.90	0.90	0.90	0.15	1.15			
35.9	38.35		Cum	1	2.45	0.90	0.90	0.90	0.15	0.33			

CIVIL PVT. LTD. BANGALORE

Contractor PMC Assistant Engineer Assistant executive Engineer

MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		4th phase											
		3rd A Cross road											
		RHS											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
60	67.3		Cum	2	7.30	0.15	0.15	0.15	0.60	1.31			
67.3	69.2	NO WORK	Cum	2	0.00	0.15	0.15	0.15	0.60	0.00			
69.2	85.2		Cum	2	16.00	0.15	0.15	0.15	0.60	2.88			
85.2	112.8		Cum	2	27.60	0.15	0.15	0.15	0.60	4.97			
		LHS											
0	11		Cum	2	11.00	0.15	0.15	0.15	0.60	1.98			
11	14.7		Cum	2	3.70	0.15	0.15	0.15	0.60	0.67			
		AMS Layout											
		3rd Main Road (Bellow High Tension Wire)											
		LHS											
		From Srihari Nilaya To											
0	3.1		Cum	2	3.10	0.15	0.15	0.15	0.45	0.42			
3.1	5.7		Cum	2	2.60	0.15	0.15	0.15	0.50	0.39			
5.7	13.3		Cum	2	7.60	0.15	0.15	0.15	0.60	1.37			
13.3	16.4		Cum	2	3.10	0.15	0.15	0.15	0.60	0.56			
16.4	28.5		Cum	2	12.10	0.15	0.15	0.15	0.60	2.18			
28.5	34.5		Cum	2	6.00	0.15	0.15	0.15	0.60	1.08			
34.5	38.3		Cum	2	3.80	0.15	0.15	0.15	0.60	0.68			
38.3	53.3		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
53.3	68.3		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
68.3	72.5		Cum	2	4.20	0.15	0.15	0.15	0.60	0.76			
72.5	78.8		Cum	2	6.30	0.15	0.15	0.15	0.60	1.13			
78.8	94.5		Cum	2	15.70	0.15	0.15	0.15	0.60	2.83			
94.5	101.2	Culvert	Cum	2	0.00	0.00	0.00	0.00		0.00			
101.2	122		Cum	2	20.80	0.15	0.15	0.15	0.60	3.74			
122	137.6		Cum	2	15.60	0.15	0.15	0.15	0.60	2.81			
137.6	141.9		Cum	2	4.30	0.15	0.15	0.15	0.60	0.77			
141.9	160		Cum	2	18.10	0.15	0.15	0.15	0.60	3.26			
160	169	Road Break	Cum	2	0.00	0.00	0.00	0.00	0.00	0.00			
169	195.9		Cum	2	26.90	0.15	0.15	0.15	0.60	4.84			
195.9	199.9		Cum	2	4.00	0.15	0.15	0.15	0.60	0.72			
199.9	204.4		Cum	2	4.50	0.15	0.15	0.15	0.60	0.81			
204.4	207.2		Cum	2	2.80	0.15	0.15	0.15	0.60	0.50			
207.2	213		Cum	2	5.80	0.15	0.15	0.15	0.60	1.04			
213	216.8		Cum	2	3.80	0.15	0.15	0.15	0.60	0.68			
		RHS											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.50	2.25			
15	30		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93			
30	48.6		Cum	2	18.60	0.15	0.15	0.15	0.60	3.35			
		3rd Main Road											
		1st Cross (Oriental School Road)											
		LHS											
0	10		Cum	2	10.00	0.15	0.15	0.15	0.60	1.80			
10	36.5		Cum	2	26.50	0.15	0.15	0.15	0.60	4.77			
36.5	51.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
51.5	66.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
66.5	74.3		Cum	2	7.80	0.15	0.15	0.15	0.60	1.40			
74.3	97.7		Cum	2	23.40	0.15	0.15	0.15	0.60	4.21			
		RHS											
0	11.4		Cum	2	11.40	0.15	0.15	0.15	0.60	2.05			
11.4	13.3		Cum	2	1.90	0.15	0.15	0.15	0.60	0.34			
13.3	40.4		Cum	2	27.10	0.15	0.15	0.15	0.60	4.88			
40.4	49.3		Cum	2	8.90	0.15	0.15	0.15	0.60	1.60			
49.3	58.7		Cum	2	9.40	0.15	0.15	0.15	0.60	1.69			
58.7	75.6		Cum	2	16.90	0.15	0.15	0.15	0.60	3.04			
75.6	96.6		Cum	2	21.00	0.15	0.15	0.15	0.60	3.78			

CIVIL Pro Sig. Date BANGALORE

PMC

Assistant Engineer

Assistant executive Engineer

MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item no.06		Providing T M T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
			Tonne							169.98			
		Vide Total executed Quantity from premeasuremet Page no.											
										Total Executed Qty	169.98		
										Tender Quantity	160.10		
										Quantity upto 125%	169.98	84113.86	14297851.00
Item no.7		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of all materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc and as per the directions of the Engineer-in-charge of the work											
Measurements taken on		18-09-2021											
		4th Phase											
		Krishana oil Traders											
		LHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30.1		Sqm	1	15.10	0.90	0.90	0.90		13.59			
30.1	34.9	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
34.9	50.7		Sqm	1	15.80	0.90	0.90	0.90		14.22			
50.7	58.2	BS Slab	Sqm	0	7.50	0.90	0.90	0.90		0.00			
58.2	65.15		Sqm	1	6.95	0.90	0.90	0.90		6.26			
65.15	68.65	BS Slab	Sqm	0	3.50	0.90	0.90	0.90		0.00			
68.65	73		Sqm	1	4.35	0.90	0.90	0.90		3.92			
73	77.8	BS Slab	Sqm	0	4.80	0.90	0.90	0.90		0.00			
77.8	80.9		Sqm	1	3.10	0.90	0.90	0.90		2.79			
80.9	84.7	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
84.7	89.2	BS Slab	Sqm	0	4.50	0.90	0.90	0.90		0.00			
89.2	93.6		Sqm	1	4.40	0.90	0.90	0.90		3.96			
93.6	103.35	BS Slab	Sqm	0	9.75	0.90	0.90	0.90		0.00			
103.35	118.05		Sqm	1	14.70	0.90	0.90	0.90		13.23			
118.05	124.25	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
124.25	139.25		Sqm	1	15.00	0.90	0.90	0.90		13.50			
139.25	154.25		Sqm	1	15.00	0.90	0.90	0.90		13.50			
154.25	169.25		Sqm	1	15.00	0.90	0.90	0.90		13.50			
169.25	180.55		Sqm	1	11.30	0.90	0.90	0.90		10.17			
180.55	189.25	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
189.25	204.25		Sqm	1	15.00	0.90	0.90	0.90		13.50			
204.25	207.25		Sqm	1	3.00	0.90	0.90	0.90		2.70			
207.25	212.75	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
212.75	227.85	BS Slab	Sqm	0	15.10	0.90	0.90	0.90		0.00			
227.85	231.55	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
231.55	238.3	BS Slab	Sqm	0	6.75	0.90	0.90	0.90		0.00			
238.3	253.3		Sqm	1	15.00	0.90	0.90	0.90		13.50			
253.3	257.7		Sqm	1	4.40	0.90	0.90	0.90		3.96			
257.7	261.1	No work	Sqm	1	0.00	0.00	0.00	0.00		0.00			
261.1	276.1		Sqm	1	15.00	0.90	0.90	0.90		13.50			
276.1	279.6		Sqm	1	3.50	0.90	0.90	0.90		3.15			
279.6	289.5	BS Slab	Sqm	0	0.00	0.00	0.00	0.00		0.00			
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	18.9		Sqm	1	3.90	0.90	0.90	0.90		3.51			
18.9	25	Culvert	Sqm	0	0.00	0.00	0.00	0.00		0.00			
25	40	BS Slab	Sqm	0	15.00	0.90	0.90	0.90		0.00			
40	44	BS Slab	Sqm	0	4.00	0.90	0.90	0.90		0.00			
44	47.5		Sqm	1	3.50	0.90	0.90	0.90		3.15			
47.5	50.6	BS Slab	Sqm	0	3.10	0.90	0.90	0.90		0.00			
50.6	58.9		Sqm	1	8.30	0.90	0.90	0.90		7.47			
58.9	69.5	BS Slab	Sqm	0	10.60	0.90	0.90	0.90		0.00			
69.5	71.3		Sqm	1	1.80	0.90	0.90	0.90		1.62			
71.3	76.2	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
76.2	79.9	BS Slab	Sqm	0	3.70	0.90	0.90	0.90		0.00			
79.9	94.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
94.9	99.2		Sqm	1	4.30	0.90	0.90	0.90		3.87			
99.2	106	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
106	121		Sqm	1	15.00	0.90	0.90	0.90		13.50			
121	136		Sqm	1	15.00	0.90	0.90	0.90		13.50			

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಪಾಲಿಕೆ ಸಂಚಾರ ಘಟಕ ಪೂರ್ವ ವಿ.ಪಾ.ಸೌ. ಪೂರ್ವ ವಲಯ-08

Contractor PMC Assistant Engineer 18/9/2021 Assistant executive Engineer

MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
136	151		Sqm	1	15.60	0.90	0.90	0.90		13.50			
151	158.6		Sqm	1	7.60	0.90	0.90	0.90		6.84			
158.6	169.6	Road break	Sqm	1	0.00	0.00	0.00	0.00		0.00			
169.6	179.6		Sqm	1	10.00	0.90	0.90	0.90		9.00			
179.6	191.9	BS slab	Sqm	0	12.30	0.90	0.90	0.90		0.00			
191.9	195.5		Sqm	1	3.60	0.90	0.90	0.90		3.24			
195.5	198.8	BS slab	Sqm	0	3.30	0.90	0.90	0.90		0.00			
198.8	205.4	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
205.4	220.4		Sqm	1	15.00	0.90	0.90	0.90		13.50			
220.4	235.4		Sqm	1	15.00	0.90	0.90	0.90		13.50			
235.4	237.3		Sqm	1	1.90	0.90	0.90	0.90		1.71			
237.3	252.3	BS slab	Sqm	0	15.00	0.90	0.90	0.90		0.00			
252.3	264.4	BS slab	Sqm	0	12.10	0.90	0.90	0.90		0.00			
264.4	267.5	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
267.5	282.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
282.5	291.7		Sqm	1	9.20	0.90	0.90	0.90		8.28			
		2nd cross Road											
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	40.4		Sqm	1	10.40	0.90	0.90	0.90		9.36			
		4th Phase											
		1st Cross Road (Near kitchen Six)											
		LHS											
0	9		Sqm	1	9.00	0.90	0.90	0.90		8.10			
9	24		Sqm	1	15.00	0.90	0.90	0.90		13.50			
24	39		Sqm	1	15.00	0.90	0.90	0.90		13.50			
39	54		Sqm	1	15.00	0.90	0.90	0.90		13.50			
54	69		Sqm	1	15.00	0.90	0.90	0.90		13.50			
69	81		Sqm	1	12.00	0.90	0.90	0.90		10.80			
81	89.7		Sqm	1	8.70	0.90	0.90	0.90		7.83			
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30.5		Sqm	1	15.50	0.90	0.90	0.90		13.95			
30.5	35.6	Culvert	Sqm	1	0.00	0.90	0.90	0.90		0.00			
35.6	50.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
50.6	65.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
65.6	90		Sqm	1	24.40	0.90	0.90	0.90		21.96			
		6th Cross Road (Behined											
		Fresh Mart Super Bazar Road											
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
45	60.7		Sqm	1	15.70	0.90	0.90	0.90		14.13			
60.7	67.7	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
67.7	97.6		Sqm	1	29.90	0.90	0.90	0.90		26.91			
97.6	107.8		Sqm	1	10.20	0.90	0.90	0.90		9.18			
107.8	122.8		Sqm	1	15.00	0.90	0.90	0.90		13.50			
122.8	137.8		Sqm	1	15.00	0.90	0.90	0.90		13.50			
137.8	149.3		Sqm	1	11.50	0.90	0.90	0.90		10.35			
149.3	153	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
153	154.6	No Work	Sqm	1	0.00	0.00	0.00	0.00		0.00			
154.6	160.9	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
160.9	175.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
175.9	194.4		Sqm	1	18.50	0.90	0.90	0.90		16.65			
194.4	205.5	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00			
205.5	208.7		Sqm	1	3.20	0.90	0.90	0.90		2.88			
208.7	222.7		Sqm	1	14.00	0.90	0.90	0.90		12.60			
222.7	226.7		Sqm	1	4.00	0.90	0.90	0.90		3.60			
226.7	247.4		Sqm	1	20.70	0.90	0.90	0.90		18.63			
247.4	252.5		Sqm	1	5.10	0.90	0.90	0.90		4.59			
252.5	271.3		Sqm	1	18.80	0.90	0.90	0.90		16.92			
271.3	275.5		Sqm	1	4.20	0.90	0.90	0.90		3.78			
275.5	295.1		Sqm	1	19.60	0.90	0.90	0.90		17.64			
295.1	299.6		Sqm	1	4.50	0.90	0.90	0.90		4.05			

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CIVIL PWC BANGALORE

Contractor PMC Assistant Engineer Assistant executive Engineer

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MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50			
60	75		Sqm	1	15.00	0.90	0.90	0.90		13.50			
75	88.3		Sqm	1	13.30	0.90	0.90	0.90		11.97			
		3rd Cross Road											
		LHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	28.5		Sqm	1	13.50	0.90	0.90	0.90		12.15			
28.5	38	BS Slab	Sqm	1	9.50	0.00	0.00	0.00		0.00			
38	53		Sqm	1	15.00	0.90	0.90	0.90		13.50			
53	68		Sqm	1	15.00	0.90	0.90	0.90		13.50			
68	83		Sqm	1	15.00	0.90	0.90	0.90		13.50			
83	95.7		Sqm	1	12.70	0.90	0.90	0.90		11.43			
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50			
60	75		Sqm	1	15.00	0.90	0.90	0.90		13.50			
75	90		Sqm	1	15.00	0.90	0.90	0.90		13.50			
90	96.1		Sqm	1	6.10	0.90	0.90	0.90		5.49			
		4th Cross Road											
		LHS											
0	4.3		Sqm	1	4.30	0.90	0.90	0.90		3.87			
4.3	18	BS Slab	Sqm	1	13.70	0.00	0.00	0.00		0.00			
18	33		Sqm	1	15.00	0.90	0.90	0.90		13.50			
33	48		Sqm	1	15.00	0.90	0.90	0.90		13.50			
48	63		Sqm	1	15.00	0.90	0.90	0.90		13.50			
63	73.9		Sqm	1	10.90	0.90	0.90	0.90		9.81			
73.9	81.75	ROAD BREAK	Sqm	0	0.00	0.00	0.00	0.00		0.00			
81.75	96.75		Sqm	1	15.00	0.90	0.90	0.90		13.50			
96.75	111.75		Sqm	1	15.00	0.90	0.90	0.90		13.50			
111.75	126.75		Sqm	1	15.00	0.90	0.90	0.90		13.50			
126.75	141.75		Sqm	1	15.00	0.90	0.90	0.90		13.50			
141.75	149.65		Sqm	1	7.90	0.90	0.90	0.90		7.11			
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50			
60	65.3		Sqm	1	5.30	0.90	0.90	0.90		4.77			
		Krishna oil mill Road											
		LHS											
0	15	BS slab	Sqm	0	15.00	0.90	0.90	0.90		0.00			
15	17.9	BS slab	Sqm	0	2.90	0.90	0.90	0.90		0.00			
17.9	26		Sqm	1	8.10	0.90	0.90	0.90		7.29			
26	28.1		Sqm	0	0.00	0.00	0.00	0.00		0.00			
28.1	43.1		Sqm	1	15.00	0.90	0.90	0.90		13.50			
43.1	49.8		Sqm	1	6.70	0.90	0.90	0.90		6.03			
49.8	53.6	BS slab	Sqm	0	3.80	0.90	0.90	0.90		0.00			
53.6	68.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
68.6	83.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
83.6	91		Sqm	1	7.40	0.90	0.90	0.90		6.66			
91	100.3	(Road Break)	Sqm	0	0.00	0.00	0.00	0.00		0.00			
100.3	105.9		Sqm	1	5.60	0.90	0.90	0.90		5.04			
105.9	108.8	BS slab	Sqm	0	2.90	0.90	0.90	0.90		0.00			
108.8	123.8		Sqm	1	15.00	0.90	0.90	0.90		13.50			
123.8	138.8		Sqm	1	15.00	0.90	0.90	0.90		13.50			
138.8	153.8		Sqm	1	15.00	0.90	0.90	0.90		13.50			
153.8	168.8		Sqm	1	15.00	0.90	0.90	0.90		13.50			
168.8	183.8		Sqm	1	15.00	0.90	0.90	0.90		13.50			

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CIVIL P. Date BANGALORE

Contractor PMC Assistant Engineer Assistant executive Engineer

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MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
16.4	28.5		Sqm	1	12.10	0.90	0.90	0.90		10.89			
28.5	34.5	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
34.5	38.3		Sqm	1	3.80	0.90	0.90	0.90		3.42			
38.3	53.3	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
53.3	68.3	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
68.3	72.5	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
72.5	78.8		Sqm	1	6.30	0.90	0.90	0.90		5.67			
78.8	94.5	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
94.5	101.2	Culvert	Sqm	1	0.00	0.90	0.90	0.90		0.00			
101.2	122	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
122	137.6		Sqm	1	15.60	0.90	0.90	0.90		14.04			
137.6	141.9	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
141.9	160		Sqm	1	18.10	0.90	0.90	0.90		16.29			
160	169	Road Break	Sqm	1	0.00	0.90	0.90	0.90		0.00			
169	195.9		Sqm	1	26.90	0.90	0.90	0.90		24.34			
195.9	199.9	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
199.9	204.4		Sqm	1	4.50	0.90	0.90	0.90		4.05			
204.4	207.2	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
207.2	213		Sqm	1	5.80	0.90	0.90	0.90		5.22			
213	216.8	BS Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00			
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	48.6		Sqm	1	18.60	0.90	0.90	0.90		16.74			
		3rd Main Road											
		1st Cross (Oriental School Road)											
		LHS											
0	10		Sqm	1	10.00	0.90	0.90	0.90		9.00			
10	36.5		Sqm	1	26.50	0.90	0.90	0.90		23.85			
36.5	51.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
51.5	66.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
66.5	74.3		Sqm	1	7.80	0.90	0.90	0.90		7.02			
74.3	97.7	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
		RHS											
0	11.4	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
11.4	13.3		Sqm	1	1.90	0.90	0.90	0.90		1.71			
13.3	40.4	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
40.4	49.3		Sqm	1	8.90	0.90	0.90	0.90		8.01			
49.3	58.7	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
58.7	75.6		Sqm	1	16.90	0.90	0.90	0.90		15.21			
75.6	96.6	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
		5th Main Road (Nativity Church road)											
		From AMS Layout main Road to											
		LHS											
0	9		Sqm	1	9.00	0.90	0.90	0.90		8.10			
9	27.4	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
27.4	35.9		Sqm	1	8.50	0.90	0.90	0.90		7.65			
35.9	38.35		Sqm	1	2.45	0.90	0.90	0.90		2.21			
38.35	45.55	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
45.55	46.75		Sqm	1	1.20	0.90	0.90	0.90		1.08			
46.75	67.55	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
67.55	82.55		Sqm	1	15.00	0.90	0.90	0.90		13.50			
82.55	94.55		Sqm	1	12.00	0.90	0.90	0.90		10.80			
94.55	102.55	Road Break	Sqm	1	0.00	0.90	0.90	0.90		0.00			
102.55	127.65		Sqm	1	25.10	0.90	0.90	0.90		22.59			
127.65	135.65	Road Break	Sqm	1	0.00	0.90	0.90	0.90		0.00			
135.65	159.25		Sqm	1	23.60	0.90	0.90	0.90		21.24			
		RHS											
		From Elamous Music to Main Road											
0	12.6		Sqm	1	12.60	0.90	0.90	0.90		11.34			
12.6	15.9	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
15.9	30.65		Sqm	1	14.75	0.90	0.90	0.90		13.28			
30.65	39.85	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			
39.85	48.05	BS Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00			

CIVIL Date BANGALORE

Contractor PMC Assistant Engg Assistant executive Engineer

MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item no.10		Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc ,complete and as per the directions of the Engineer-in-charge of the work											
Measurements taken on		20-09-2021.											
		4th Phase											
		Krishnna oil Traders											
		LHS											
0	15		m	1	15.00					15.00			
15	30.1		m	1	15.10					15.10			
30.1	34.9	Culvert	m	1	0.00					0.00			
34.9	50.7		m	1	15.80					15.80			
50.7	58.2		m	1	7.50					7.50			
58.2	65.15		m	1	6.95					6.95			
65.15	68.65		m	1	3.50					3.50			
68.65	73		m	1	4.35					4.35			
73	77.8		m	1	4.80					4.80			
77.8	80.9		m	1	3.10					3.10			
80.9	84.7	Culvert	m	1	0.00					0.00			
84.7	89.2		m	1	4.50					4.50			
89.2	93.6		m	1	4.40					4.40			
93.6	103.35		m	1	9.75					9.75			
103.35	118.05		m	1	14.70					14.70			
118.05	124.25	Culvert	m	1	0.00					0.00			
124.25	139.25		m	1	15.00					15.00			
139.25	154.25		m	1	15.00					15.00			
154.25	169.25		m	1	15.00					15.00			
169.25	180.55		m	1	11.30					11.30			
180.55	189.25	Culvert	m	1	0.00					0.00			
189.25	204.25		m	1	15.00					15.00			
204.25	207.25		m	1	3.00					3.00			
207.25	212.75	Culvert	m	1	0.00					0.00			
212.75	227.85		m	1	15.10					15.10			
227.85	231.55	Culvert	m	1	0.00					0.00			
231.55	238.3		m	1	6.75					6.75			
238.3	253.3		m	1	15.00					15.00			
253.3	257.7		m	1	4.40					4.40			
257.7	261.1	No work	m	1	0.00					0.00			
261.1	276.1		m	1	15.00					15.00			
276.1	279.6		m	1	3.50					3.50			
279.6	289.5		m	1	9.90					9.90			
		RHS											
0	15		m	1	15.00					15.00			
15	18.9		m	1	3.90					3.90			
18.9	25	Culvert	m	0	0.00					0.00			
25	40		m	1	15.00					15.00			
40	44		m	1	4.00					4.00			
44	47.5		m	1	3.50					3.50			
47.5	50.6		m	1	3.10					3.10			
50.6	58.9		m	1	8.30					8.30			
58.9	69.5		m	1	10.60					10.60			
69.5	71.3		m	1	1.80					1.80			
71.3	76.2	Culvert	m	1	0.00					0.00			
76.2	79.9		m	1	3.70					3.70			
79.9	94.9		m	1	15.00					15.00			
94.9	99.2		m	1	4.30					4.30			
99.2	106	Culvert	m	1	0.00					0.00			
106	121		m	1	15.00					15.00			
121	136		m	1	15.00					15.00			
136	151		m	1	15.00					15.00			
151	158.6		m	1	7.60					7.60			
158.6	169.6	Road break	m	1	0.00					0.00			
169.6	179.6		m	1	10.00					10.00			
179.6	191.9		m	1	12.30					12.30			
191.9	195.5		m	1	3.60					3.60			
195.5	198.8		m	1	3.30					3.30			
198.8	205.4	Culvert	m	1	0.00					0.00			

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Contractor PMC Assistant Engineer 20/09/2021 Assistant executive Engineer

MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
30	39.8		Cum	1	9.80	4.10	3.50	3.80	0.04	1.49			
		4th 'B Cross Road											
0	15		Cum	1	15.00	4.30	4.20	4.25	0.04	2.55			
15	30		Cum	1	15.00	4.20	4.10	4.15	0.04	2.49			
30	36.9		Cum	1	6.90	4.10	3.80	3.95	0.04	1.09			
		11th Cross Road											
		2nd Main Road											
0	15		Cum	1	15.00	4.80	4.90	4.85	0.05	2.91			
15	30		Cum	1	15.00	4.90	5.40	5.15	0.04	3.09			
30	45		Cum	1	15.00	5.40	5.00	5.20	0.05	3.12			
45	60		Cum	1	15.00	5.00	5.60	5.30	0.04	3.18			
60	75		Cum	1	15.00	5.60	5.10	5.35	0.04	3.21			
75	90		Cum	1	15.00	5.10	5.20	5.15	0.04	3.09			
90	105		Cum	1	15.00	5.20	5.60	5.40	0.04	3.24			
105	120		Cum	1	15.00	5.60	6.00	5.80	0.04	3.48			
120	130		Cum	1	10.00	6.00	6.00	6.00	0.04	2.40			
0	19		Cum	1	19.00	6.00	5.50	5.75	0.04	4.37			
		Connecting Road (8th Cross To 11th Cross)											
0	15		Cum	1	15.00	4.80	5.00	4.90	0.05	2.94			
15	30		Cum	1	15.00	5.00	5.00	5.00	0.04	3.00			
30	40.6		Cum	1	10.60	5.00	5.20	5.10	0.04	2.16			
0	15		Cum	1	15.00	6.00	5.40	5.70	0.04	3.42			
15	30		Cum	1	15.00	5.40	5.10	5.25	0.04	3.15			
30	45		Cum	1	15.00	5.10	6.00	5.55	0.04	3.33			
45	60		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
60	62.6		Cum	1	2.60	6.00	6.00	6.00	0.04	0.62			
62.6	65.5	No Work Culvert Break	Cum	1	2.90								
65.5	75		Cum	1	9.50	5.00	5.40	5.20	0.04	1.98			
75	90		Cum	1	15.00	5.40	5.70	5.55	0.04	3.33			
90	95.6		Cum	1	6.60	5.70	5.80	5.75	0.04	1.52			
		8th Cross Road											
0	15		Cum	1	15.00	4.40	4.50	4.45	0.04	2.67			
15	30		Cum	1	15.00	4.50	4.70	4.60	0.04	2.76			
30	45		Cum	1	15.00	4.70	4.70	4.70	0.04	2.82			
45	60		Cum	1	15.00	4.70	4.90	4.80	0.04	2.88			
60	75		Cum	1	15.00	4.90	4.90	4.90	0.04	2.94			
75	90		Cum	1	15.00	4.90	5.30	5.10	0.04	3.06			
90	105		Cum	1	15.00	5.30	4.20	4.75	0.04	2.85			
105	120		Cum	1	15.00	4.20	4.70	4.45	0.04	2.67			
120	135		Cum	1	15.00	4.70	4.10	4.40	0.04	2.64			
135	150		Cum	1	15.00	4.10	4.30	4.20	0.04	2.52			
150	165		Cum	1	15.00	4.30	4.90	4.60	0.04	2.76			
165	180		Cum	1	15.00	4.90	4.50	4.70	0.04	2.82			
180	195		Cum	1	15.00	4.50	4.70	4.60	0.04	2.76			
195	210		Cum	1	15.00	4.70	5.00	4.85	0.04	2.91			
210	225		Cum	1	15.00	5.00	4.80	4.90	0.04	2.94			
225	240		Cum	1	15.00	4.80	4.80	4.80	0.04	2.88			
240	255		Cum	1	15.00	4.80	4.70	4.75	0.04	2.85			
255	268.1		Cum	1	13.10	4.70	5.10	4.90	0.04	2.57			
		Muneshwara Layout											
		Main Road											
0	12.3		Cum	1	12.30	6.00	6.00	6.00	0.04	2.95			
0	14		Cum	1	14.00	7.10	6.50	6.80	0.04	3.81			
0	15		Cum	1	15.00	6.00	5.20	5.60	0.04	3.36			
15	30		Cum	1	15.00	5.20	5.10	5.15	0.04	3.09			
30	45		Cum	1	15.00	5.10	4.80	4.95	0.04	2.97			
45	60		Cum	1	15.00	4.80	5.00	4.90	0.04	2.94			
60	75		Cum	1	15.00	5.00	4.90	4.95	0.04	2.97			
75	90		Cum	1	15.00	4.90	5.30	5.10	0.04	3.06			
90	105		Cum	1	15.00	5.30	5.30	5.30	0.04	3.18			
105	120		Cum	1	15.00	5.30	5.20	5.25	0.04	3.15			
120	135		Cum	1	15.00	5.20	5.70	5.45	0.04	3.27			
135	150		Cum	1	15.00	5.70	5.30	5.50	0.04	3.30			

CIVIL P... Date ... BANGALORE

Contractor PMC Assistant Engineer 04/10/2021 Assistant exicutive Engineer

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MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
150	165		Cum	1	15.00	5.30	5.70	5.50	0.04	3.30			
165	180		Cum	1	15.00	5.70	5.40	5.55	0.04	3.33			
180	195		Cum	1	15.00	5.40	5.60	5.50	0.04	3.30			
195	210		Cum	1	15.00	5.60	5.80	5.70	0.04	3.42			
210	225		Cum	1	15.00	5.80	5.70	5.75	0.04	3.45			
225	240		Cum	1	15.00	5.70	5.30	5.50	0.04	3.30			
240	255		Cum	1	15.00	5.30	5.20	5.25	0.04	3.15			
255	270		Cum	1	15.00	5.20	5.40	5.30	0.04	3.18			
270	285		Cum	1	15.00	5.40	5.30	5.35	0.04	3.21			
285	300		Cum	1	15.00	5.30	5.00	5.15	0.04	3.09			
300	310		Cum	1	10.00	5.00	5.80	5.40	0.04	2.16			
		Maneshwara layout											
		11th Cross Road											
0	15		Cum	1	15.00	4.20	4.20	4.20	0.04	2.52			
15	26		Cum	1	11.00	4.20	4.60	4.40	0.04	1.94			
0	15		Cum	1	15.00	5.00	4.20	4.60	0.04	2.76			
15	30		Cum	1	15.00	4.20	4.10	4.15	0.04	2.49			
30	45		Cum	1	15.00	4.10	4.10	4.10	0.04	2.46			
45	60		Cum	1	15.00	4.10	4.60	4.35	0.04	2.61			
60	75		Cum	1	15.00	4.60	4.20	4.40	0.04	2.64			
75	90		Cum	1	15.00	4.20	4.30	4.25	0.04	2.55			
90	105		Cum	1	15.00	4.30	5.20	4.75	0.04	2.85			
105	120		Cum	1	15.00	5.20	5.00	5.10	0.04	3.06			
120	135		Cum	1	15.00	5.00	5.00	5.00	0.04	3.00			
135	150		Cum	1	15.00	5.00	4.80	4.90	0.04	2.94			
150	165		Cum	1	15.00	4.80	4.90	4.85	0.04	2.91			
165	180		Cum	1	15.00	4.90	4.60	4.75	0.04	2.85			
180	195		Cum	1	15.00	4.60	5.10	4.85	0.04	2.91			
195	210		Cum	1	15.00	5.10	4.80	4.95	0.04	2.97			
		10th Cross Road											
0	15		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
15	30		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
30	45		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
45	60		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
60	75		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
75	90		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
90	105		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
105	115.5		Cum	1	10.50	6.00	6.00	6.00	0.04	2.52			
		9th Cross Road											
0	15		Cum	1	15.00	6.50	6.50	6.50	0.04	3.90			
15	30		Cum	1	15.00	6.50	6.50	6.50	0.04	3.90			
30	45		Cum	1	15.00	6.50	6.50	6.50	0.04	3.90			
45	60		Cum	1	15.00	6.50	6.50	6.50	0.04	3.90			
60	75		Cum	1	15.00	6.50	6.50	6.50	0.04	3.90			
75	90		Cum	1	15.00	6.50	6.50	6.50	0.04	3.90			
90	105		Cum	1	15.00	6.50	6.50	6.50	0.04	3.90			
105	118		Cum	1	13.00	6.50	6.50	6.50	0.04	3.38			
		2nd Main Road											
0	15		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
15	30		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
30	45		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
45	60		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
60	75		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
75	90		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
90	105		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
105	120		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
120	135		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
135	150		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
150	165		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
165	180		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
180	195		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
195	210		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
210	225		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60			
225	230		Cum	1	5.00	6.00	6.00	6.00	0.04	1.20			

CIVIL Engg. CID Date BANGALORE

Contractor PMC Assistant Engineer 05/11/2021 Assistant executive Engineer

MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Veera Sagar Road Cross Road											
0	15		Cum	1	15.00	4.40	4.10	4.25	0.15	9.56			
15	30		Cum	1	15.00	4.10	4.00	4.05	0.15	9.11			
30	35.7		Cum	1	5.70	4.00	4.05	4.02	0.15	3.44			
		Raksha Bar & Restorent Road											
0	2.8		Cum	1	2.80	5.00	5.20	5.10	0.15	2.14			
2.8	15		Cum	1	12.20	5.20	4.30	4.75	0.15	8.69			
15	30		Cum	1	15.00	4.30	4.70	4.50	0.15	10.13			
30	45		Cum	1	15.00	4.70	4.60	4.65	0.15	10.46			
45	60		Cum	1	15.00	4.60	4.50	4.55	0.15	10.24			
60	75		Cum	1	15.00	4.50	3.80	4.15	0.15	9.34			
75	83.1		Cum	1	8.10	3.80	4.40	4.10	0.15	4.98			
		Adhithya Nagar											
		1st Cross Road											
0	8.4		Cum	1	8.40	5.40	5.25	5.33	0.15	6.71			
8.4	21.6		Cum	1	13.20	5.25	4.40	4.83	0.15	9.56			
21.6	24		Cum	1	2.40	4.40	4.25	4.33	0.15	1.56			
		2nd Cross Road											
0	15		Cum	1	15.00	4.40	4.00	4.20	0.15	9.45			
15	23.5		Cum	1	8.50	4.00	3.50	3.75	0.15	4.78			
23.5	29.5		Cum	1	6.00	4.80	4.70	4.75	0.15	4.28			
		Cross Road											
0	15		Cum	1	15.00	5.20	4.60	4.90	0.15	11.03			
15	25.6		Cum	1	10.60	4.60	4.90	4.75	0.15	7.55			
25.6	29.7		Cum	1	4.10	4.90	4.20	4.55	0.15	2.80			
29.7	44.7		Cum	1	15.00	4.80	5.10	4.95	0.15	11.14			
44.7	48.8		Cum	1	4.10	5.10	5.40	5.25	0.15	3.23			
48.8	59.8		Cum	1	11.00	5.10	4.30	4.70	0.15	7.76			
59.8	74.8		Cum	1	15.00	4.30	3.40	3.85	0.15	8.66			
74.8	89.8		Cum	1	15.00	3.40	3.60	3.50	0.15	7.88			
89.8	105.95		Cum	1	16.15	3.60	3.80	3.70	0.15	8.98			
105.95	120.55		Cum	1	14.60	4.60	4.90	4.75	0.15	10.40			
		Cross Road											
0	10		Cum	1	10.00	9.60	11.20	10.40	0.15	15.60			
10	15.8		Cum	1	5.80	11.20	11.90	11.55	0.15	10.05			
15.8	18.6		Cum	1	2.80	13.60	13.80	13.70	0.15	5.75			
18.6	22.8		Cum	1	4.20	6.70	6.90	6.80	0.15	4.28			
22.8	33.5		Cum	1	10.70	6.00	5.70	5.85	0.15	9.39			
33.5	43		Cum	1	9.50	7.00	7.10	7.05	0.15	10.05			
43	50.3		Cum	1	7.30	7.10	7.10	7.10	0.15	7.77			
50.3	66.9		Cum	1	16.60	3.50	4.00	3.75	0.15	9.34			
									Total Executed Quantity	415.93			
									Tender Quantity	388.42			
									Quantity upto 125%	415.93	5913.21	2459458.00	
											Sub Total	91819700.00	
											For 12% Applicable GST	11018364.00	
											Total Amount	102838064.00	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೯

CIVIL Pro
Sig
Date
BANGALORE

Contractor PMC Assistant Engineer 08/10/2021.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೯